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TI Recycling method of processed vinyl chloride resin products

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DT Patent

LA Japanese

IC ICM C08J011-08

ICS B09B003-00; C08L027-06

CC 38-3 (Plastics Fabrication and Uses)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11255951	A2	19990921	JP 1998-61030	19980312 <--
AB Title method involves dissolving title products with solvents (SV1) to form vinyl chloride resin- and plasticizer-contg. solns. (A1) and solids (S1), sepg., contacting the S1 with SV1 to form solns. (A2) and solids (S2), sepg., combining the A1 and A2, adding with plasticizer-sol. and resin-insol. solvents (SV2) to form solns. (A3) and solids (S3), sepg., sepg. and recycling the inorg. compds. and SV1 from S2, sepg. and recycling the plasticizers and solvents from A3, and sepg. and recycling the resins and solvents from S3. A CaCO3- and plasticizer-contg. vinyl chlori resin elec. insulator were chopped and recycled ad described above with THF as SV1 and MeOH as the SV2 to result a total recycled yield of 99.7% consisting of 42.1:29.3:28.3 resin, plasticizer, and CaCO3.					
ST	recycling plasticized vinyl chloride resin elec insulator; THF methanol solvent recycling plasticized vinyl chloride resin				
IT	Electric insulators				
	Fillers				
	Plasticizers				
	Recycling of plastics and rubbers				
	Solvent extraction				
	Solvents				
	(recycling method of processed products of plasticizer- and filler-contg. vinyl chloride resins)				
IT	471-34-1, Calcium carbonate, uses				
	RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)				
	(recycling method of processed products of plasticizer- and filler-contg. vinyl chloride resins)				
IT	75-01-4D, Vinyl chloride, polymers				
	RL: PEP (Physical, engineering or chemical process); POF (Polymer in formulation); PROC (Process); USES (Uses)				
	(recycling method of processed products of plasticizer- and filler-contg. vinyl chloride resins)				
IT	67-56-1, Methanol, uses 78-93-3, MEK, uses 109-99-9, uses				
	RL: NUU (Nonbiological use, unclassified); USES (Uses)				
	(recycling solvents; recycling method of processed products of plasticizer- and filler-contg. vinyl chloride resins)				